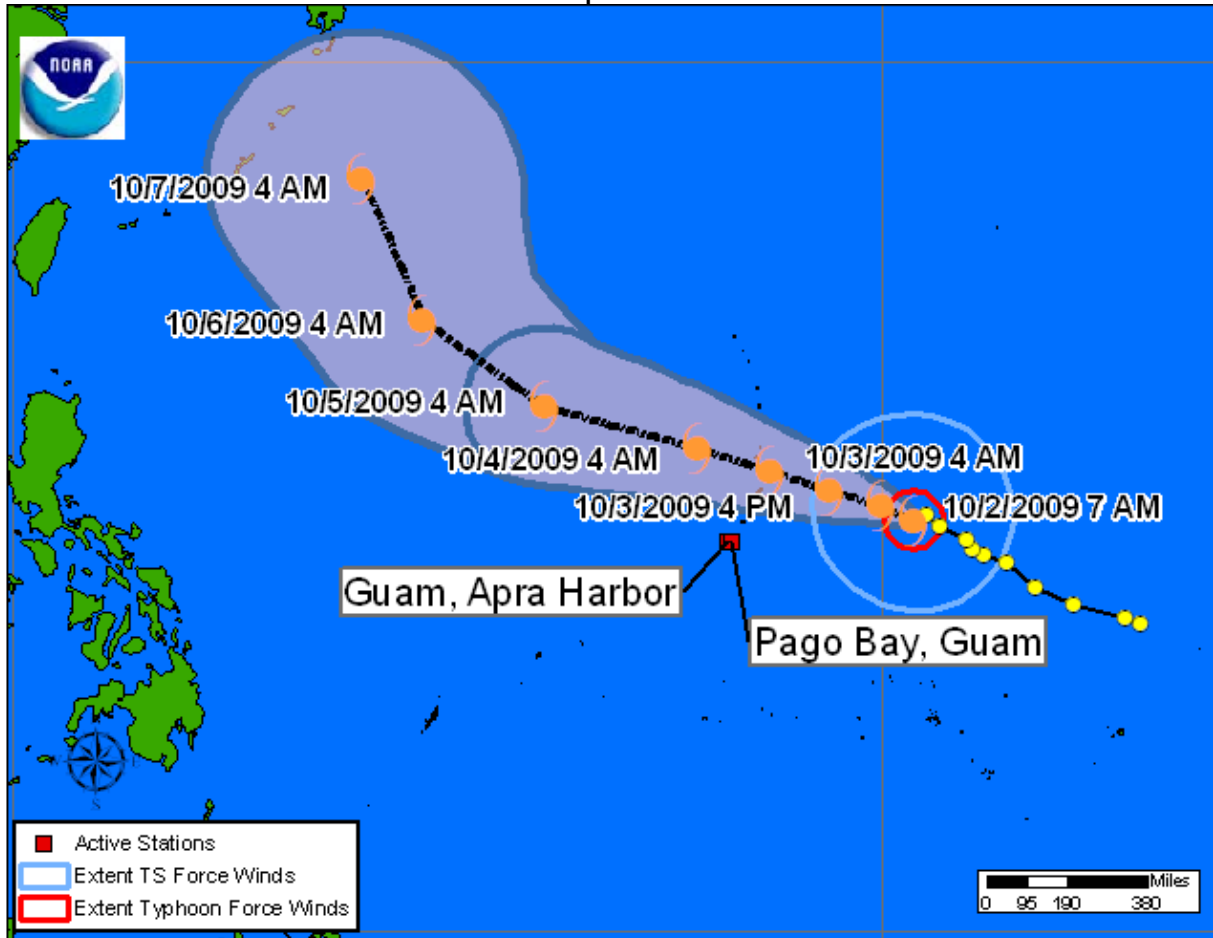




Typhoon MELOR QuickLook  
Posted: 09:00 CHST 10/02/2009

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 10/02/2009 09:00 CHST water levels at Guam are slightly elevated above predictions. Water levels at Pago Bay are gradually rising presently being about 0.4 feet above predicted, while at Apra Harbor, they are close to predicted. Winds are currently less than 10 knots. Barometric pressure continues to fluctuate within normal conditions.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Pago Bay, Guam: Next predicted high tide is 1.62 ft (0.49 m) at 10/02/2009 18:03 CHST.

Guam, Apra Harbor: Next predicted high tide is 2.32 ft (0.71 m) at 10/02/2009 18:36 CHST.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: KG

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For more detailed information, see JOINT TYPHOON WARNING CENTER ADVISORY INFORMATION.

SELECT NATIONAL WEATHER SERVICE TIYAN GUAM ADVISORY INFORMATION:

TYPHOON MELOR (20W) ADVISORY NUMBER 11...CORRECTED 8 AM CHST FRI OCT 2 2009

CORRECTED FOR TS WARNING AND TY WATCH FOR AGRIHAN

...TYPHOON MELOR INTENSIFYING EAST OF THE MARIANAS...

A TYPHOON WARNING IS NOW IN EFFECT FOR SAIPAN AND TINIAN.

A TROPICAL STORM WARNING IS NOW IN EFFECT FOR GUAM.

A TROPICAL STORM WARNING AND A TYPHOON WATCH REMAIN IN EFFECT FOR ROTA.  
A TROPICAL STORM WARNING AND A TYPHOON WATCH ARE IN EFFECT FOR AGRIHAN.

A TYPHOON WARNING MEANS TYPHOON CONDITIONS...INCLUDING WINDS GREATER THAN 73 MPH...ARE EXPECTED WITHIN 24 HOURS.

A TROPICAL STORM WARNING IN CONJUNCTION WITH A TYPHOON WATCH MEANS TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN 24 HOURS...AND THAT TYPHOON CONDITIONS ARE POSSIBLE.

RESIDENTS OF GUAM AND THE NORTHERN MARIANAS ARE ADVISED TO CLOSELY MONITOR THIS POTENTIALLY DANGEROUS TROPICAL CYCLONE.

AT 700 AM CHST THE CENTER OF TYPHOON MELOR WAS LOCATED NEAR LATITUDE 14.2 DEGREES NORTH AND LONGITUDE 151.1 DEGREES EAST.

THIS IS ABOUT 365 MILES EAST OF SAIPAN  
370 MILES EAST OF TINIAN  
395 MILES EAST OF ROTA AND  
430 MILES EAST OF GUAM.

TYPHOON MELOR IS MOVING WEST AT 6 MPH. IT IS EXPECTED TO MOVE WEST-NORTHWEST WITH A SLIGHT INCREASE IN FORWARD SPEED DURING THE NEXT 12 TO 24 HOURS.

MAXIMUM SUSTAINED WINDS ARE 130 MPH. MELOR IS EXPECTED TO CONTINUE TO INTENSIFY...AND MAY BECOME A SUPER TYPHOON IN THE NEXT 24 HOURS.

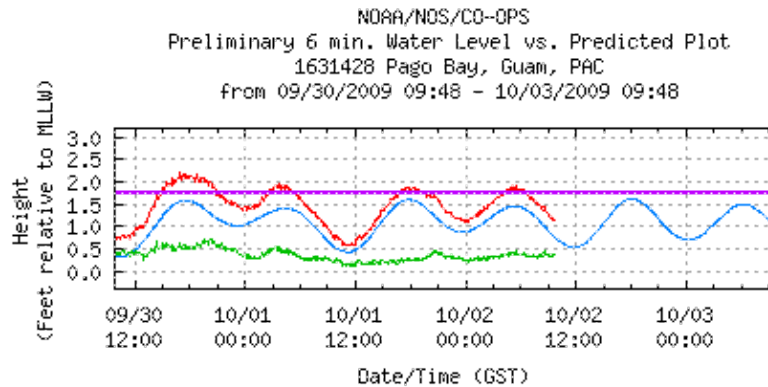
**TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER.  
TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 240 MILES FROM THE  
CENTER.**

**WILLIAMS/MUNDELL**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Guam - Water Level](#), [Guam - Winds](#), [Guam - Barometric](#), [Guam - Air/Water Temp](#),

**Pago Bay, Guam, PAC** - [Return to List](#)

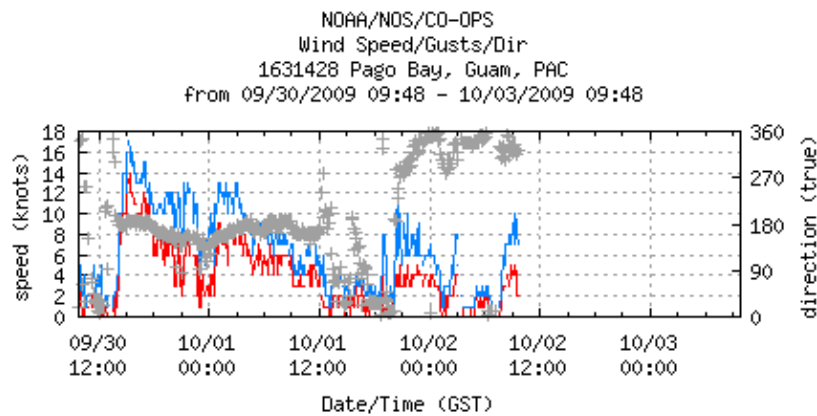


Last Observed Sample: 10/02/2009 09:36 (GST)

Relative to **MLLW**: **Observed: 1.15 ft.** **Predicted: 0.78 ft.** **Residual: 0.37 ft.**

Historical Maximum Water Level: n/a

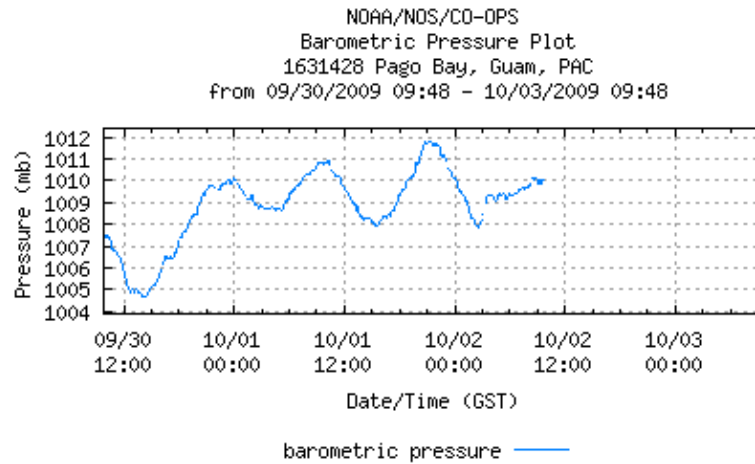
**Pago Bay, Guam, PAC** - [Return to List](#)



Last Observed Sample: 10/02/2009 09:36 (GST)

**Wind Speed: 2 knots** **Gusts: 7 knots** **Direction: 324° T**

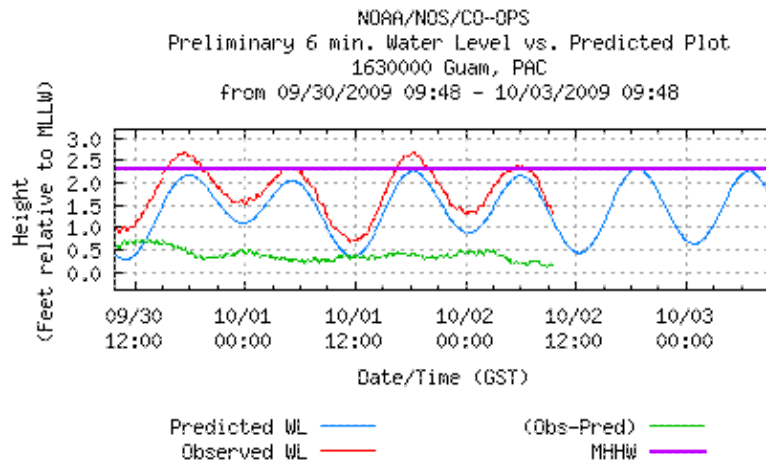
**Pago Bay, Guam, PAC** - [Return to List](#)



Last Observed Sample: 10/02/2009 09:36 (GST)

Barometric Pressure: 1010.0 mb

**Guam, PAC** - [Return to List](#)

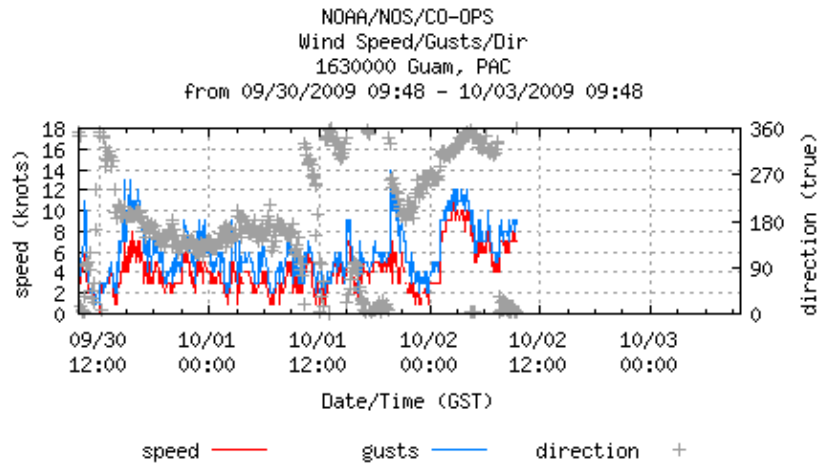


Last Observed Sample: 10/02/2009 09:30 (GST)

Relative to **MLLW**: Observed: 1.30 ft. Predicted: 1.15 ft. Residual: 0.15 ft.

Historical Maximum Water Level: 08/28/1992, 1.95 ft. above **MHHW**

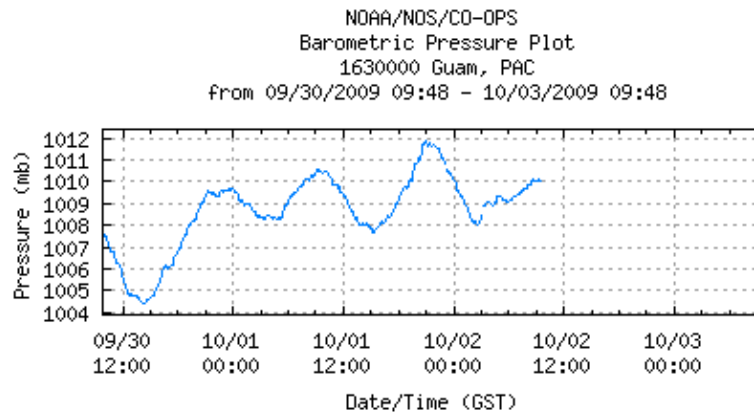
**Guam, PAC** - [Return to List](#)



Last Observed Sample: 10/02/2009 09:30 (GST)

Wind Speed: 7 knots Gusts: 9 knots Direction: 004° T

**Guam, PAC** - [Return to List](#)



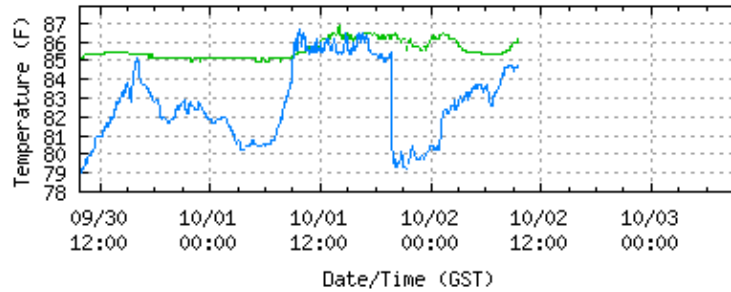
Last Observed Sample: 10/02/2009 09:30 (GST)

Barometric Pressure: 1010.0 mb

**Guam, PAC** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
1630000 Guam, PAC

from 09/30/2009 09:48 - 10/03/2009 09:48



water temp. — air temp. —

**Last Observed Sample: 10/02/2009 09:30 (GST)**

**Water Temperature: 86.2° F Air Temperature: 84.6° F**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce